

REMARKS

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow. Claims 1 and 22 have been amended, no claims have been cancelled, and no claims have been added. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claim(s) remain under examination in the application, is presented, with an appropriate defined status identifier. Thus, claims 1-3, 5-11, and 13-25 remain pending in the application.

Section 112 Rejections

Claims 1-3, 5-10, and 13-25 were rejected under 35 U.S.C. § 112 as not enabling because the disclosure “(1) is inconsistent, if not contradictory, on how convective flow is to be generated, (2) it uses “convective flow” to refer to an unclear phenomenon that is something other than what is ordinarily understood by the term, and (3) contrary to what is suggested by the specification, counteractive chromatography, which appears to be the name for this technique of using electroosmosis to create convective flow, is not well-known in the art.” Applicant respectfully traverses this rejection.

Regarding the Examiner’s first point, paragraph [0018] has been amended to correct clear errors in the specification. Support for these amendments, as noted by the Examiner, can be found in paragraphs [0024]-[0025] of the specification. As noted by the Examiner, paragraphs [0024]-[0025] clearly describe counteractive chromatography. Paragraph [0018] has been amended to correspond to in paragraphs [0024]-[0025].

Regarding the second point, Applicant notes that it is the Examiner who is citing non-standard definitions of convection. As used in the application, convection refers to forced mass transfer of bulk fluid, as for instance by means of a pump. This is a standard definition commonly found in textbooks. Attached please find two text book definitions of convection supporting applicant’s use of the term. As disclosed in these references:

Claim Objections

Attorneys/Agents For Intel Corporation